Annexe 1: Trade agreements privatising biodiversity outside the WTO as of June 2016

AFRICA & MIDDLE EAST

European Free Trade Association¹

- EFTA-Algeria FTA | under exploration
- EFTA-Egypt FTA | 2007 | in force
  Egypt is obliged to join UPOV (1978 or 1991 Act) and accede to the Budapest Treaty by 2011. Patents must be provided in “all fields of technology” (“at least” those covered under the TRIPS Agreement).²
- EFTA-Gulf Cooperation Council³ FTA | 2009 | in force
  GCC must conclude negotiations with EFTA on an Annex containing provisions on intellectual property by January 2016.⁴
- EFTA-Jordan FTA | 2001 | in force
  Jordan must join UPOV and accede to Budapest Treaty by 2006. Jordan must also ensure “adequate and effective patent protection for inventions in all fields of technology on a level similar to that prevailing in the European Patent Convention” which allows the patenting of transgenic plants and animals.⁵
- EFTA-Lebanon FTA | 2004 | in force
  Lebanon must join UPOV (1978 or 1991 Act) and accede to the Budapest Treaty by 2008.⁶
- EFTA-Morocco FTA | 2000 | in force
  Morocco must join UPOV and accede to Budapest Treaty by 2000. Morocco must also provide “adequate and effective patent protection for inventions in all fields of technology on a level similar to that prevailing in the European Patent Convention” which allows the patenting of transgenic plants and animals.⁷
- EFTA-Palestinian Authority FTA | 1998 | in force
  Palestinian Authority must implement the “highest international standards” of IPR protection.⁸
- EFTA-Tunisia FTA | 2004 | in force
  Tunisia must join UPOV (1978 or 1991 Act) and accede to the Budapest Treaty by 2010. Tunisia will also do its utmost to accede to all IPR treaties to which EFTA states are party.⁹

European Union

- Cotonou Agreement | 2000 | in force
  The parties recognise the need to ensure adequate and effective protection of patents on plant varieties and on biotechnological inventions.¹⁰
- EU-Algeria FTA | 2002 | in force
  Algeria shall accede to and implement UPOV (1991 Act) by 2010, although accession can be replaced by implementation of an effective sui generis system if both parties agree.¹¹ Algeria must accede to Budapest Treaty.¹²
- EU-Central Africa¹³ EPA | under negotiation
  Only Cameroon signed and ratified an interim EPA which establishes a basis for negotiation of rules on intellectual property rights.¹⁴ These are expected to be modelled on the EU-Caribbean EPA.
- EU-East African Community¹⁵ EPA | 2007 | initialled
  Under a rendezvous clause of a framework EPA initialled in 2007, but never signed, the EAC member states agreed to further negotiate rules on intellectual property.¹⁶ These are expected to be modelled on the EU-Caribbean EPA.
• **EU-Eastern and Southern Africa** EPA | 2009 | provisionally applied
Under a rendezvous clause of an interim EPA signed in 2009 and provisionally applied since 2012, Madagascar, Mauritius, Seychelles and Zimbabwe agreed to further negotiate rules on intellectual property. These are expected to be modelled on the EU-Caribbean EPA.

• **EU-Egypt FTA** | 2001 | agreed
Egypt must join UPOV and accede to Budapest Treaty within five years of the agreement’s entry into force. This deal is to be expanded, post-2012, by a Deep and Comprehensive Free Trade Agreement through which the EU aims to further “align” intellectual property rules.

• **EU-GCC FTA** | under negotiation

• **EU-Iran FTA** | under negotiation

• **EU-Jordan FTA** | 1997 | in force
Jordan must join UPOV and accede to Budapest Treaty by 2007. This deal is to be expanded, post-2012, by a Deep and Comprehensive Free Trade Agreement through which the EU aims to further “align” intellectual property rules.

• **EU-Lebanon FTA** | 2002 | in force
Lebanon must join UPOV (1991 Act) and accede to Budapest Treaty by 2008.

• **EU-Morocco FTA** | 2000 | in force
Morocco must join UPOV (1991 Act) and accede to Budapest Treaty by 2004. This deal is to be expanded by a Deep and Comprehensive Free Trade Agreement, currently under negotiation, through which the EU aims to further “align” intellectual property rules.

• **EU-Palestinian Authority FTA** | 1997 | in force
Palestinian Authority must implement the “highest international standards” of IPR protection.

• **EU-South Africa FTA** | 1999 | in force
South Africa shall ensure adequate and effective protection for patents on biotechnological inventions. South African must also implement “highest international standards” of IPR protection and undertake to go beyond TRIPS standards of IPR protection.

• **EU-Southern Africa Development Cooperation** EPA | 2014 | signed
The SADC states “may consider” entering into negotiations on intellectual property with the EU at a later stage.

• **EU-Syria FTA** | 2004 | agreed
Syria shall follow the “highest international standards” including, not limited to, the TRIPS Agreement. Syria shall also accede to the Budapest Treaty and the UPOV Convention (1991) within 5 years of applicability of Annex 6. However, Syria may replace accession to UPOV with implementation of an “adequate and effective” system for protection of plant varieties.

• **EU-Tunisia FTA** | 1998 | in force
Tunisia must join UPOV (1991 Act) and accede to Budapest Treaty by 2002. Tunisia must also implement “highest international standards” of IPR protection. This deal is to be expanded, post-2012, by a Deep and Comprehensive Free Trade Agreement through which the EU aims to further “align” intellectual property rules.

• **EU-West Africa** EPA | 2014 | initialled
Under a rendezvous clause of an interim EPA concluded in 2014, the parties agreed to further negotiate rules on intellectual property, “including traditional knowledge and genetic resources”. These are expected to be modelled on the EU-Caribbean EPA.

**United States**

• **African Growth & Opportunities Act** | 2000 | in force
US trade benefits to 38 AGOA-eligible countries are unilaterally gauged on extent to which they go beyond TRIPS standards of IPR protection.

• **US-Bahrain FTA** | 2004 | in force
Bahrain must join UPOV upon entry into force and accede to Budapest Treaty within one year of entry into force.

• **US-Jordan FTA** | 2000 | in force
Jordan must implement and join UPOV within one year of entry into force and partially implement Budapest Treaty. Jordan may not exclude plants or animals from patent law.
• **US-Morocco FTA | 2004 | in force**
Morocco must provide patents on plants and animals. Morocco must also ratify UPOV Convention (1991) and Budapest Treaty by 2006.38

• **US-Oman FTA | 2006 | signed**
Oman must join UPOV (1991 Act) and accede to the Budapest Treaty by the time the FTA enters into force. And while it may exclude animals (other than microorganisms) from its patent law, Oman must allow patents on plants.39

• **US-Southern African Customs Union FTA | negotiations suspended**
(The “far reaching” intellectual property provisions of the US proposal were one reason why the talks broke down in 2006. In 2008, the parties signed a Trade and Investment Cooperation Agreement meant to keep discussions going.)

• **US-United Arab Emirates FTA | negotiations suspended**

## AMERICAS

### European Free Trade Association

• **EFTA-Central America FTA | 2013 | in force**
Costa Rica and Panama must implement the provisions of UPOV (1991 or 1978 Act, depending).41 Negotiations with Guatemala and Honduras currently on hold.

• **EFTA-Chile FTA | 2003 | in force**
Chile must join the UPOV Convention (1978 or 1991 Act) by 2007 and accede to the Budapest Treaty by 2009.42

• **EFTA-Colombia FTA | 2008 | in force**
Colombia must join the UPOV Convention (1978 or 1991 Act) and accede to the Budapest Treaty by July 2011.43

• **EFTA-Mexico FTA | 2000 | in force**
Mexico must join UPOV and accede to the Budapest Treaty by 2002.44

• **EFTA-Peru FTA | 2008 | in force**
Peru must join the UPOV Convention (1978 or 1991 Act) and accede to the Budapest Treaty by July 2011.45

### European Union

• **Cotonou Agreement | 2000 | in force**
The parties recognise the need to ensure adequate and effective protection of patents on plant varieties and on biotechnological inventions.46

• **EU-Andean Community FTA | 2012 | provisionally applied**
Colombia and Peru shall implement UPOV (1991), including the so-called “farmers’ privilege” (to re-use protected seed while respecting the rights of the breeder).47 (Extension of the agreement to Bolivia and Ecuador being explored.)

• **EU-Caribbean EPA | 2008 | in force**
Obliges the Caribbean states to accede to the Budapest Treaty and to consider acceding to UPOV (1991 Act). Commits the parties to further develop legal protection of traditional knowledge and genetic resources within the frame of patent law.49

• **EU-Mercosur FTA | under negotiation**

• **EU-Mexico FTA | 2000 | in force**
Mexico must accede to Budapest Treaty within three years of entry into force. Mexico shall also provide “highest international standards” of IPR protection.51

• **EU-US FTA (TTIP) | under negotiation**

### Japan

• **Japan-Chile FTA | 2007 | in force**
Chile must join UPOV (1991) by 2009.52

• **Japan-Colombia FTA | under negotiation**
United States

- **Andean Trade Promotion and Drug Eradication Act | 2002 | in force**
  US trade benefits to Bolivia, Ecuador, Colombia and Peru unilaterally gauged on extent to which they go beyond TRIPS standards of IPR protection.\(^{53}\)

- **Free Trade Area of the Americas | negotiations suspended**
  US negotiating position was “no exclusions” for plants or animals from patent law. Actual negotiating text contained many proposals to enforce UPOV, patent plants and animals and put traditional knowledge under IPR regimes.\(^{54}\)
  The proposed treaty was ultimately defeated in 2005 through strong social pressure and mobilisation, including on these very issues.

- **North America Free Trade Agreement | 1994 | in force**
  Mexico must implement and join UPOV within two years of entry into force.\(^{55}\)

- **Trans-Pacific Partnership Agreement\(^{56}\) | 2015 | signed**
  All parties are obliged to join UPOV (1991 Act) and the Budapest Treaty. Parties may exclude from patentability plants and animals other than micro-organisms, but each party confirms that patents are available for inventions derived from plants. In addition, the parties recognise the relevance of intellectual property systems to traditional knowledge and encourage the codification of such knowledge in databases which may be used in assessing patent applications.\(^{57}\)

  US trade benefits for up to 24 eligible countries unilaterally gauged on extent to which they go beyond TRIPS standards of IPR protection.\(^{58}\)

- **US-Chile FTA | 2003 | in force**
  Chile must join UPOV (1991 Act) and provide patents on any invention in any field of technology without exception. “Each Party will undertake reasonable efforts…to develop and propose legislation within 4 years from the entry into force of this Agreement that makes available patent protection for plants that are new, involve an inventive step, and are capable of industrial application”.\(^{59}\)

- **US-Colombia FTA | 2006 | in force**
  Colombia must join UPOV (1991 Act) by 2008 or entry into force, whichever later, and accede to the Budapest Treaty. Colombia must also make “all reasonable efforts” to provide patents on plants. Once it does, it cannot reverse this policy.\(^{60}\)

- **US-Dominican Republic-Central America FTA | 2004 | in force**
  Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras and Nicaragua must join UPOV (1991 Act) or provide patents on plants. Those that do not provide patents on plants by the time of the agreement’s entry into force must make “all reasonable efforts” to do so. Once they do, they must maintain that policy.\(^{61}\)

- **US-Ecuador FTA | negotiations suspended**

- **US-Ecuador IPR Agreement | 1993 | signed but not in force**
  Ecuador must conform with UPOV if it does not grant patents on plant varieties.\(^{62}\)

- **US-Nicaragua IPR Agreement | 1998 | in force**
  Nicaragua must join UPOV. Nicaragua may not exclude plants or animals from patent law.\(^{63}\)

- **US-Panama FTA | 2006 | in force**
  Panama must join UPOV (1991 Act) by 2010 or entry into force, whichever later, and accede to the Budapest Treaty. Panama must also make “all reasonable efforts” to provide patents on plants. Once it does, it cannot reverse this policy.\(^{64}\)

- **US-Peru FTA | 2005 | in force**
  Peru must join UPOV (1991 Act) by 2008 or entry into force, whichever later, and accede to the Budapest Treaty. Peru must also make “all reasonable efforts” to provide patents on plants. Once it does, it cannot reverse this policy.\(^{65}\)

- **US-Trinidad & Tobago IPR Agreement | 1994 | in force**
  Trinidad & Tobago must implement and make best effort to join UPOV.\(^{66}\)
AsiA & PACific

Australia

- Regional Comprehensive Economic Partnership | under negotiation
  The latest leaked drafts (Oct 2015) show Japan and South Korea proposing that all RCEP members must endeavour to join UPOV 1991 and the Budapest Treaty. Australia wants all RCEP countries to be obliged to join both. In addition, all three governments demand that RCEP members at least adopt legislation on plant varieties that is consistent with UPOV 91.67

European Free Trade Association

- EFTA-China FTA | study to be launched
- EFTA-Hong Kong FTA | 2011 | in force
  Hong Kong must implement UPOV (1978 or 1991 Act) and the Budapest Treaty.68
- EFTA-India FTA | under negotiation
- EFTA-Indonesia FTA | under negotiation
- EFTA-Korea FTA | 2005 | signed
  Korea is obliged to patent plants and animals.69
- EFTA-Malaysia FTA | under negotiation
- EFTA-Philippines FTA | 2016 | signed
  The Philippines must implement the main provisions of UPOV 1991 and consider joining.70
- EFTA-Russia, Belarus and Kazakhstan FTA | under negotiation
- EFTA-Thailand FTA | under negotiation (on hold)

European Union

- Cotonou Agreement | 2000 | in force
  The parties recognise the need to ensure adequate and effective protection of patents on plant varieties and on biotechnological inventions.71
- EU-ASEAN72 FTA | under negotiation
- EU-Bangladesh Cooperation Agreement | 2001 | in force
  Bangladesh must endeavour to join UPOV (1991 Act) and to accede to the Budapest Treaty by 2006.73
- EU-India FTA | under negotiation
  Leaks of negotiating drafts show the parties seeking agreement on providing protection for plant varieties as per their respective domestic laws.74
- EU-Korea Trade and Cooperation Agreement | 2001 | in force
  Korea shall make efforts to accede as soon as practicable to the UPOV Convention (1991 Act) and to the Budapest Treaty.75
- EU-Korea FTA | 2011 | in force
  Korea shall comply with UPOV (1991).76
- EU-Malaysia FTA | under negotiation
- EU-Pacific77 EPA | under negotiation
- EU-Singapore FTA | 2013 | initialled
  The parties reaffirm their commitment to UPOV 1991, including the so-called “farmers’ privilege” (to re-use protected seed while respecting the rights of the breeder). 78
- EU-Sri Lanka Cooperation Agreement | 1995 | in force
  Sri Lanka shall implement the “highest international standards” of IPR protection.79
- EU-Thailand FTA | under negotiation
- EU-Vietnam FTA | 2015 | concluded
  Vietnam must implement UPOV (1991)80
Japan
- **Japan-Brunei FTA | 2007 | in force**
  Brunei shall endeavour to become party to UPOV and the Budapest Treaty.\(^8\)
- **Japan-Malaysia FTA | 2005 | in force**
  Malaysia must “recognise the importance of protecting new plant varieties in a manner consistent with internationally harmonised system. For this purpose, [Malaysia] shall ensure that rights relating to new plant varieties are adequately protected.”\(^8\)
- **Japan-Thailand FTA | 2007 | in force**
  Thailand shall “recognise the importance of protecting new varieties of plants in a manner based on international standards. For this purpose, [Thailand] shall ensure that rights relating to new varieties of plants are adequately protected.” Furthermore, Thailand “shall ensure that any [Japanese patent] application shall not be rejected solely on the grounds that the subject matter claimed in the application is related to a naturally occurring micro-organism.”\(^8\)
- **Japan-Indonesia FTA | 2007 | in force**
  Indonesia shall comply with and endeavour to join UPOV (1991).\(^8\)
- **Japan-Vietnam FTA | 2011 | in force**
  Vietnam shall endeavour to provide intellectual property protection for all plant species in accordance with UPOV (1991).\(^8\)
- **Regional Comprehensive Economic Partnership | under negotiation**
The latest leaked drafts (Oct 2015) show Japan and South Korea proposing that all RCEP members must endeavour to join UPOV 1991 and the Budapest Treaty. Australia wants all RCEP countries to be obliged to join both. In addition, all three governments demand that RCEP members at least adopt legislation on plant varieties that is consistent with UPOV 91.\(^8\)

South Korea
- **Regional Comprehensive Economic Partnership | under negotiation**
The latest leaked drafts (Oct 2015) show Japan and South Korea proposing that all RCEP members must endeavour to join UPOV 1991 and the Budapest Treaty. Australia wants all RCEP countries to be obliged to join both. In addition, all three governments demand that RCEP members at least adopt legislation on plant varieties that is consistent with UPOV 91.\(^8\)

Switzerland
- **Switzerland-China FTA | 2013 | in force**
  China, a member of UPOV 1978, has agreed to implement many provisions of UPOV 1991 without having to accede to it. These concern an expanded scope of protection for the breeder and UPOV 1991’s highly restrictive version of the so-called farmers’ privilege.\(^8\) In addition, China agreed to extend the list of species for which it would grant plant variety protection by 2016.\(^8\)
- **Switzerland-Viet Nam IPR Agreement | 1999 | in force**
  Viet Nam must join UPOV (1991 Act) by 2002.\(^9\)

United States
- **Trans-Pacific Partnership Agreement | 2015 | signed**
  All parties are obliged to join UPOV (1991 Act) and the Budapest Treaty. Parties may exclude from patentability plants and animals other than micro-organisms, but each party confirms that patents are available for inventions derived from plants. In addition, the parties recognise the relevance of intellectual property systems to traditional knowledge and encourage the codification of such knowledge in databases which may be used in assessing patent applications.\(^9\)
- **US-Cambodia IPR Agreement | 1996 | in force**
  Cambodia must join UPOV.\(^9\)
- **US-Korea FTA | 2007 | in force**
  Korea must join both UPOV (1991) and the Budapest Treaty, and may not exclude plants, plant varieties or animals from patent protection.\(^9\)
- **US-Korea IPR Agreement | 1986 | in force**
  Korea must join Budapest Treaty.94
- **US-Laos BTA | 2003 | in force**
  Laos must join UPOV (1978 or 1991 Act) “without delay”. Laos must also provide patents for inventions in all fields of technology, without exclusion for plants or animals.95
- **US-Malaysia FTA | under negotiation**
- **US-Mongolia TRA | 1991 | in force**
  No exclusions for plants or animals from patent law permitted.96
- **US-Singapore FTA | 2003 | in force**
  Singapore must join UPOV (1991 Act) within six months of entry into force or by end 2003, whichever sooner. Singapore must also allow patents on all forms of plants and animals (“each Party may exclude inventions from patentability only as defined in Articles 27.2 and 27.3(a) of the TRIPS Agreement”).97
- **US-Sri Lanka IPR Agreement | 1991 | in force**
  No exclusions for plants and animals from patent law permitted.98
- **US-Thailand FTA | under negotiation**
- **US-Viet Nam BTA | 2000 | in force**
  Viet Nam must implement and make best effort to join UPOV. Viet Nam must also provide patent protection on all forms of plants and animals that are not varieties, as well as on inventions that encompass more than one variety.99

**EUROPE**

**European Free Trade Association**
- **EFTA-Bosnia and Herzegovina FTA | 2013 | signed but not in force**
  Bosnia and Herzegovina must join the UPOV Convention (1991 Act) by end of 2013.100
- **EFTA-Macedonia FTA | 2000 | in force**
  Macedonia must join the Budapest Treaty by 2001 and the UPOV Convention by 2002.101
- **EFTA-Montenegro FTA | 2011 | in force**
  Montenegro must join the UPOV Convention (1991 Act) by end of 2012.102
- **EFTA-Serbia FTA | 2009 | in force**
  Serbia must join the UPOV Convention (1991 Act) by end of 2010.103

**European Union**
- **EU-Macedonia FTA | 2004 | in force**
  Macedonia must join the UPOV Convention (1991 Act) by end 2009.104
- **EU-Moldova FTA | 2014 | under provisional application**
  Moldova must implement the UPOV Convention, noting the optional “farmers' privilege” (to re-use protected seed while respecting the rights of the breeder).105

**United States**
- **EU-US FTA (TTIP) | under negotiation**

**Notes:**
1. Composed of Iceland, Norway, Switzerland and Liechtenstein.
3. Gulf Cooperation Council: Bahrain, Kuwait, Oman, Qatar, Saudi Arabia, United Arab Emirates.


34. Draft joint text after conclusion of negotiations by Senior Officials, February 2014, Economic Partnership Agreement (EPA) between the West African States, ECOWAS and WAEMU, of the one part and the European Community and its Member States of the other part, [Art 106.2]


40. South Africa, Botswana, Namibia, Lesotho and Swaziland


45. Free Trade Agreement between the Republic of Peru and the EFTA States http://www.efta.int/free-trade/free-trade-agreements/peru [Chpt 6, Art. 6.4.2]


47. Trade agreement between the European Union and its member states, of the one part, and Colombia and Peru, of the other part, http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=OJ%3AL%3A2012%3A354%3ATOC [Sec 7, Art 232]

48. Antigua and Barbuda, Bahamas, Barbados, Belize, Dominica, Dominican Republic, Grenada, Guyana, Haiti, Jamaica, Montserrat, Saint Lucia, St. Kitts and Nevis, St. Vincent and the Grenadines, Suriname and Trinidad and Tobago.
50. Common Southern Market: Argentina, Brazil, Paraguay, Uruguay and Venezuela.
56. Concluded between Australia, Brunei, Canada, Chile, Japan, Malaysia, Mexico, New Zealand, Peru, Singapore, US and Vietnam.
60. US-Colombia Trade Promotion Agreement, signed on 27 February 2006: http://www.sice.oas.org/TPD/AND_USA/col_usa_e.asp [Chapter 16]
64. US-Panama Free Trade Agreement, draft of December 2006. http://www.sice.oas.org/TPD/PAN_USA/PAN_USA_e.asp [Art 15.3 and 15.9.2]

Relevant texts available at bilaterals.org: http://www.bilaterals.org/?eu-ftas-


Cook Islands, Fiji, Kiribati, Marshall Islands, Micronesia, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu and Vanuatu.


Agreement between Japan and Indonesia for an Economic Partnership, as signed on 20 August 2007, http://www.mofa.go.jp/region/asia-paci/indonesia/epa0708/agreement.pdf [Art 106.3 and 116]


Single working document on the intellectual property chapter of the Regional Comprehensive Economic Partnership (RCEP) free trade agreement, 15 October 2015, http://keionline.org/node/2472 [Art. 1.7.2 and 5.19] The countries negotiating RCEP are: Aotearoa/New Zealand, Australia, Brunei, Cambodia, China, India, Indonesia, Japan, Laos, Malaysia, Myanmar, Philippines, Singapore, South Korea, Thailand and Vietnam.

Single working document on the intellectual property chapter of the Regional Comprehensive Economic Partnership (RCEP) free trade agreement, 15 October 2015, http://keionline.org/node/2472 [Art. 1.7.2 and 5.19] The countries negotiating RCEP are: Aotearoa/New Zealand, Australia, Brunei, Cambodia, China, India, Indonesia, Japan, Laos, Malaysia, Myanmar, Philippines, Singapore, South Korea, Thailand and Vietnam.

Free trade agreement between the Swiss Confederation and the People’s Republic of China, 6 July 2013, download=NHlzLpZeg7t.Jnp6lONTUO4Z2Z6ln1acy4Zn4ZqZpnO2Yqq2Z6gpJCMDn59e2ym162epYbg2c_JkKbNoKSn6A-- [Ar.11.10]


Agreement between the United States of America and the Kingdom of Cambodia on Trade Relations and Intellectual Property Rights Protection. http://www.bilaterals.org/article.php3?id_article=387 [Art X1.1]


Agreement between the United States of America and the Lao People’s Democratic Republic on Trade Relations. http://www.bilaterals.org/spip_redirect.php3?id_article=809 [Art 13 and 18]

GRAIN


99. Agreement between the United States of America and the Socialist Republic of Vietnam on Trade Relations. https://ustr.gov/sites/default/files/US-VietNam-BilateralTradeAgreement.pdf [Chpt II: Art 1.3 and Art 7.2(c)]


104. Stabilisation and Association Agreement between the European Communities and their Member States, of the one part, and the former Yugoslav Republic of Macedonia, of the other part, 1 May 2004, http://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX:22004A0320(03)&rid=1 [Art 71.3]